



PPIG rabbit pAb

Cat No.:ES9975

For research use only

Overview

Product Name	PPIG rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Rat;Mouse
Recommended dilutions	WB 1:500-2000 ELISA 1:5000-20000
Immunogen	Synthesized peptide derived from human protein . at AA range: 290-370
Specificity	PPIG Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C . Avoid repeated freeze-thaw cycles.
Protein Name	Peptidyl-prolyl cis-trans isomerase G (PPIase G) (Peptidyl-prolyl isomerase G) (EC 5.2.1.8) (CASP10) (Clk-associating RS-cyclophilin) (CARS-Cyp) (CARS-cyclophilin) (SR-cyclophilin) (SR-cyp) (SRcyp) (C
Gene Name	PPIG
Cellular localization	Nucleus matrix . Nucleus speckle . Colocalizes with RNA splicing factors at nuclear speckles. .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	82kD
Human Gene ID	9360
Human Swiss-Prot Number	Q13427
Alternative Names	
Background	catalytic activity:Peptidylproline (omega=180) = peptidylproline (omega=0).,domain:The RS domain is required for the interaction with the phosphorylated C-terminal domain of RNA





ELK Biotechnology

polymerase II.,enzyme regulation:Cyclosporin A (CsA)-sensitive.,function:PPIases accelerate the folding of proteins.,function:PPIases accelerate the folding of proteins. It catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides.,function:PPIases accelerate the folding of proteins. It catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides. May be implicated in the folding, transport, and assembly of proteins. May play an important role in the regulation of pre-mRNA splicing.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the cyclophilin-type PPIase family.,similarity:Contains 1 PPIase cyclophilin-type domain.,subcellular location:Colocalizes with RNA splicing factors at nuclear speckles.,subunit:Interacts with CLK1, PNN and with the phosphorylated C-terminal domain of RNA polymerase II.,tissue specificity:Ubiquitous.,



+86-27-59760950

ELKbio@ELKbiotech.com

www.elkbiotech.com

23-2, No.388 Gaoxin 2nd Road,Wuhan East Lake Hi-tech Development Zone, Hubei , P.R.C